Common Stock

Common Stock

Common Stock

Common Stock

FORM 4

UNITED STATES SECUR

STATEMENT OF CHANGES IN BENEFICIAL OWNERSHIP

Washington, D.C. 20549

ITIES AND EXCHANGE	COMMISSION
--------------------	------------

OMB APPROVAL	
	=

OMB Number: 3235-0287 Estimated average burden hours per response: 0.5

D

D

D

D

Check this box if no longer subject to Section 16. Form 4 or Form 5 obligations may continue. See Instruction 1(b).

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address COLELLA GE (Last) 2 TECH DRIVE		(Middle)	MKS 3. Date	2. Issuer Name and Ticker or Trading Symbol MKS INSTRUMENTS INC [MKSI] 3. Date of Earliest Transaction (Month/Day/Year) 02/15/2017						ionship of Reporting Person(s) to Issuer all applicable) Director 10% Owner Officer (give title Other (specify below) CEO, President, Director			
(Street) ANDOVER (City)	MA (State)	01810 (Zip)	4. If Am	4. If Amendment, Date of Original Filed (Month/Day/Year)						Individual or Joint/Group Filing (Check Applicable Line) X Form filed by One Reporting Person Form filed by More than One Reporting Person			
		n-Derivative S	Securities Acq	uired,	Disp	osed of, or	Benef	icially O	wned				
Date			2. Transaction Date (Month/Day/Year)	2A. Deemed Execution Date, if any (Month/Day/Year)	3. Transaction Code (Instr. 8)		4. Securities A Disposed Of (I			5. Amount of Securities Beneficially Owned Following Reported	6. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	7. Nature of Indirect Beneficial Ownership (Instr. 4)	
				Code	v	Amount (A) or (D)		Price	Transaction(s) (Instr. 3 and 4)				
Common Stock 02/1					М		12,213	A	(1)	60,405.984	D		

Table II - Derivative Securities Acquired, Disposed of, or Beneficially Owned

м

м

M

F(2)

9.456

15,653

11,037

22,755

A

Α

A

D

(1)

(1)

(1)

\$67.7

69,861.984

85,514,984

96,551,984

73,796.984

	(e.g., puts, calls, warrants, options, convertible securities)														
1. Title of Derivative Security (Instr. 3)	2. Conversion or Exercise Price of Derivative Security	3. Transaction Date (Month/Day/Year)	3A. Deemed Execution Date, if any (Month/Day/Year)	4. Transa Code (8)		Derivative E		6. Date Exercisable and Expiration Date (Month/Day/Year)		7. Title and Amount of Securities Underlying Derivative Security (Instr. 3 and 4)		8. Price of Derivative Security (Instr. 5)	9. Number of derivative Securities Beneficially Owned Following	10. Ownership Form: Direct (D) or Indirect (I) (Instr. 4)	11. Nature of Indirect Beneficial Ownership (Instr. 4)
				Code	v	(A)	(D)	Date Exercisable	Expiration Date	Title	Amount or Number of Title Shares		Reported Transaction(s) (Instr. 4)		
Restricted Stock Unit	(1)	02/15/2017		A		33,234.86		(3)	(3)	Common Stock	33,234.86	(1)	114,108.487	D	
Restricted Stock Unit	(1)	02/15/2017		A		22,156.573		(4)	(4)	Common Stock	22,156.573	(1)	74,181.95	D	
Restricted Stock Unit	(1)	02/15/2017		М			12,213	(5)	(5)	Common Stock	12,213	(1)	101,895.487	D	
Restricted Stock Unit	(1)	02/15/2017		М			9,456	(6)	(6)	Common Stock	9,456	(1)	64,725.95	D	
Restricted Stock Unit	(1)	02/15/2017		M			15,653	(7)	(7)	Common Stock	15,653	(1)	86,242.487	D	·
Restricted Stock Unit	(1)	02/15/2017		М			11,037	(8)	(8)	Common Stock	11,037	(1)	53,688.95	D	

Explanation of Responses:

1. Each restricted stock unit represents the contingent right to receive one share of common stock of MKS Instruments, Inc.

02/15/2017

02/15/2017

02/15/2017

02/15/2017

- 2. This transaction was effected pursuant to a Rule 10b5-1 trading plan previously adopted by the reporting person.
- 3. These RSUs are subject to the achievement of performance criteria determined in the first year of grant and thereafter vest in three equal annual installments beginning on February 15, 2018, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.
- 4. These RSUs vest in three equal annual installments commencing on February 15, 2018, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.
- 5. These RSUs are subject to the achievement of performance criteria determined in the first year of grant and thereafter vest in three equal annual installments beginning on February 15, 2016, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.
- 6. These RSUs vest in three equal annual installments commencing on February 15, 2016, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.
- 7. These RSUs are subject to the achievement of performance criteria determined in the first year of grant and thereafter vest in three equal annual installments beginning on February 15, 2017, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.
- 8. These RSUs vest in three equal annual installments commencing on February 15, 2017, provided that if, in any vesting year, February 15th is not a business day, such vesting shall occur on the next business day.

/s/ M. Kathryn Rickards, attorney-in-fact ** Signature of Reporting Person

02/16/2017

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

- * If the form is filed by more than one reporting person, see Instruction 4 (b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, see Instruction 6 for procedure.

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB Number.